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### LIST OF PATENTS COVERING AN ENCODER<sup>1</sup> FUNCTION

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
BBC01	EP 2220837	<b>EP countries:</b> AT CZ DE DK ES FR GB IE IT NL PL SE TR	1	8.1, 8.3, 9.8, 9.8.1, 9.8.2.2, 9.8.2.4.1, 9.8.2.4.2
		<b>Family members:</b> AU 2008324030 CN 200880024926.7 EA 025988 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM) IN 347472 KR 10-1514099 ZA 2009/08650		
BBC02	EP 2165494	<b>EP countries:</b> AT BE CZ DE DK ES FI FR GB HR IE IT NL PL RS SE TR	1	6.2.1, 6.2.2, 6.3, 6.4, 6.5, 8.5, 9, 9.5
		<b>Family members:</b> AU2008259620		

<sup>1</sup> “Encoder function” means: a functionality for framing / modulating / encoding digital signals in compliance with the DVB-T2 Standard.



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Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		CN 200880018960.3 IN 320706 KR 10-1476869 RU (EA) 016617 ZA 2009/08302		
BBC03	EP 2158736	<b>EP countries:</b> AT BE CZ DE DK ES FI FR GB HR IE IT NL PL RS SE TR	1, 7	4, 4.1, 9, 9.1, 9.2.2, 9.2.3, 9.2.4, 9.2.8, 9.4, 9.5
		<b>Family members:</b> AU 2008252671 CN ZL200880023714.7 IN 335248 KR 10-1462297 RU (EA) 016296 ZA 2009/08261		
DTV01	EP 1518328	<b>EP countries:</b> BE CH DE DK ES FI FR GB IT LU NL	1, 12	6.1, 6.1.2, 6.1.2.1, Annex A
	EP 2190123	<b>EP countries:</b> AT CH CZ DE DK ES FI FR GB IT NL SE SK	1, 2	6.1, 6.1.2, 6.1.2.1, Annex A
		<b>Family members:</b> CA2456485 CN 03800849.1 -- CN 03800852.1 HK 1069933 -- HK 1073186 JP 3836859 KR 10-0602027 -- KR 10-0683600 US 6963622 -- US 7191378 -- US 7424662 US 7577207 -- US 7954036 -- US 8102947		
DTV02	US 7334181		6	3.3, 4.1, 5.1, 6.1, 6.1.2.1, 6.1.2.2 Annex B
		<b>Family members:</b> CA 2480145 -- CA 2579599 CN 0410087494 HK 1076673		



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Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		JP 3917617 KR 10-0619206 US 7673226 -- US 8028224		
DTV03	EP 1385270	<b>EP countries:</b> BE CH DE DK ES FI FR GB IT LU NL	1, 7	6.1.1, 6.1.2, 6.1.2.1, Annex A
		<b>Family members:</b> JP 4422436 KR 10-0543154		
ETR01	KR 937030		1	3.1, 3.2, 4.1, 4.2, 6.2, 6.2.2, 8.3.6.2
ETR02	KR 10-0930718		1, 2	1, 3.1, 4.1, 7, 7.1, 7.2, 7.2.3, 7.2.3.0, 7.2.3.2, 8, 8.0, 8.1, 8.3, 8.3.0, 8.3.4, 8.3.6.2, 8.3.6.3.2 and 8.3.6.3.3, and Figures 1, 24, 28, 35, 37, 39, 43, 45
		<b>Family members:</b> KR 10-1211115 US 8630278		
ETR03	KR 10-1074113		1, 2	1, 3.1, 4.1, 4.2, 6.1, 6.1.0, 7, 7.1, 7.2, 7.2.3, 7.2.3.0, 7.2.3.1, 8, 8.0, 8.1, 8.3, 8.3.0, 8.3.2, Figures 1, 2(d), 24, 27, 35, 37, and Tables 6(a), 6(b), 32, 33, 34
		<b>Family members:</b> CN 101715646 KR 10-1334370 -- KR 10-1394580		
FRA01	DE 102006026895		1, 2	3, 3.1, 4, 4.2, 5, 5.1, 5.1.0, 5, 5.2, 5.2.0, 6, 6.1, 6.1.0, 6.2, 6.2.0, 6.4, 6.5, 6.5.0, 6.5.2, 6.5.3, 7, 7.2, 7.2.0, 7.2.3, 7.2.3.0, 7.2.3.1, 9, 9.0
	EP 2027656	<b>EP countries:</b> CZ DE ES FR GB HU IT NL PL RO TR	1	1, 4.1, 4.2, 6.1.0, 6.1.2, 6.1.3, 6.2.0, 6.2.1, 6.2.2, 6.3, 6.4, 6.5.0, 6.5.3; figures: 1, 2(d), 2(f), 12, 14, 20; tables: 6(a), 6(b), 11, 12, 17
LGE01	EP 2157754	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	1, 3.1, 4.1, 4.2, 6.2.0, 8.0, 8.1, 9.0 9.5, 9.8.1, 9.8.2.4.2
		<b>Family members:</b> CN ZL200880120284.0 IN 271503		



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Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		RU 2475984 US 8385460 -- US 8565339 -- US 8929481		
LGE02	EP 2086155	<b>EP countries:</b> DE DK ES FR GB HR HU IT LV NL PL SE SI SK	1	4.1, 4.2, 5.1.0, 6.1.0, 6.1.2.0, 7.1, 7.2.1, 7.2.3.0, 7.2.3.1, 7.3.1.2, 8.0, 8.1, 8.3.0, 8.3.2, 8.3.5, 8.3.6.0, 8.3.6.3.1, 9.8.1
	EP 2154810	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT PL SE SK	1	3.1, 4.1, 4.2, 5.1.0, 6.1.0, 6.1.2.0, 7.1, 7.2.1, 7.2.3.0, 7.3.1.2, 8.0, 8.1, 8.3.0, 8.3.2, 8.3.5, 8.3.6.0, 8.3.6.3.1, 9.0, 9.5
	EP 2238750	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1, 4.1, 4.2, 5.1.0, 6.1.0, 6.1.2.0, 7.1, 7.2.1, 7.2.3.0, 7.3.1.2, 7.3.2.7, 8.0, 8.1, 8.3.0, 8.3.2, 8.3.5, 8.3.6.0, 8.3.6.3.1, 9.0, 9.5, 9.8.1, 9.8.2.0, 9.8.2.4.2 and D.1
		<b>Family members:</b> CN ZL200880126172.6 KR 10-1580164 -- KR 10-1596849 -- KR 10-1634196 RU 2440690		
LGE03	EP 2086144	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.0, 7.2.3.1, 7.3.1.1, 7.3.1.2, 7.3.2.7, 8.1, 8.3.2, 8.3.3, 8.3.4, C.1.1, D.1, D.2, D.2.1, D.2.2
	EP 2226957	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1, 4.1, 4.2, 6.1.3, 7, 7.2.1, 7.3.2.3, 7.3.2.4, 8.3.1, 8.3.2, 8.3.4, D, D.1, D.2.2
	EP 2388942	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.1, 7.3.1.1, 7.3.1.2, 7.3.2.7, 8.3.1, 8.3.2, 8.3.4, 9.8.2, 9.8.2.0, 9.8.2.4.2, D, D.1, D.2.2
		<b>Family members:</b> CN 2016-10034311 KR 10-1580165 -- KR 10-1629337 -- KR 10-1759948 RU 2506705 US 8370729 -- US 8694875		
LGE04	EP 2993850	<b>EP countries:</b> DE FR GB NL PL SE SK	1	1, 3, 4, 4.4.1 6.4, 7.0, 7.2.1, 7.3.3.0, 7.3.3.1, 7.3.1, 8.3.1, 8.3.6.1
	EP 3236627	<b>EP countries:</b> DE FR GB NL PL SK	1	3, 4.1, 4.2, 6.2.2, 6.4, 7.0, 7.1, 7.2.1, 7.2.2, 7.3.3.0, 7.3.3.1, 8.3.0, 8.3.1
		<b>Family members:</b> CN ZL2008800243932 IN 288457 KR 10-1100224		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
<b>LGE06</b>	EP 2043291	<b>EP countries:</b> DE DK ES FR GB HR IT LV NL PL SE SI TR	1	3.3; 4.2; 6.1.0; 6.1.3; 6.2.1; 6.2.2; 7.1; 7.2.1; 7.2.3.0; 7.2.3.1; 8.0; 9.0; 9.5
		<b>Family members:</b> CN ZL2008801178837 IN 1153KOLNP2010 KR 10-1084154 RU 2437237 US 9008234		
<b>LGE07</b>	EP 2157724	<b>EP countries:</b> DE ES FR GB HU IT NL PL SI SK	3	1, 2.2, 3.1, 3.3, 4.2, 7.2.1, 7.2.3, 8.3.4, D.1, D.2.1, D.2.2; ETSI EN 300 468 v1.16.1 clauses 5.2.1, 6.2, 6.3, 6.4.6.3
	EP 2234317	<b>EP countries:</b> DE ES FR GB HU IT NL PL SI SK	1	1, 2.2, 3.1, 3.3, 4.1, 4.2, 7.2.1, 7.2.3.0, 8.3.4, D.1, D.2.1, D.2.2, D.2.3; ETSI EN 300 468 v1.16.1 clauses 1, 5.2.1, 6.2.0, 6.3, 6.4.6.3
		<b>Family members:</b> KR 10-1084155		
<b>LGE08</b>	EP 2079183	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1, 3.3, 4.1, 4.2, 7.1, 7.2.1, 7.2.3.1, 9.2.2.2 Annex D.1, D.2.1, D.2.2; ETSI EN 300 468 v1.16.1 clauses 6.4.5.3
	EP 2224635	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	1, 2.2, 3.1, 3.3, 4.1, 4.2, 7.2.1, 7.2.3.0, 7.2.3.1, 8.3.4, 9.2.2.2, D.1, D.2.1, D.2.2; ETSI EN 300 468 v1.16.1 clauses : 6.3, 6.4.6.3.
		<b>Family members:</b> CN ZL200880123441 IN 271481 KR 10-1490262 -- KR 10-1556152 -- KR 10-1590969 RU 2480914		
<b>NOK02</b>	EP 1606900	<b>EP countries:</b> BE DE FR GB IT SE	3, 4	1, 3, 3.1 7, 7.1, 7.2.1, 7.2.3.1, 8.3.6.3.3, 8.3.2, 9.8.2 and section D.1 of Annex D
<b>NOK03</b>	EP 1832062	<b>EP countries:</b> DE FR GB IT	1, 6, 7	3, 3.1, 4, 4.1, 4.2, 5, 5.1, 5.1.4, 5.2, 5.2.1 and 8.3.4 ETSI TS 102.773 V1.4.1 (2016-03): Sections 3, 3.1, 4, 4.1, 4.2, 4.3, 5, 5.2 and 5.2.1 6.2, 6.2.0 and 6.2.2
<b>NOK04</b>	EP 2132912	<b>EP countries:</b> AT BE BG CY CZ DE DK EE FI FR GB GR HU IE IT LT	12	1, 3.1, 7.1, 7.2.3.1, 8.3.4, 9.8.1, 9.8.2.0; figures: 24, 27, 39, 52, tables: 33

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		LU LV MT NL PT RO SE SI SK		ETSI TS 102 831 v1.2.1 (2012-08), clauses: 10.2.2.1, 10.2.2.6.1, 10.2.2.6.3
<b>NOK06</b>	EP 2198547	<b>EP countries:</b> DE GB	1, 7	3.1; 3.3; 4.1; 4.2; 7.1; 7.2.3.2; 7.2.3.3; 7.3.1.2; 8.3.3.
<b>NOK07</b>	EP 2816770	<b>EP countries:</b> DE DK ES FR GB PL TR	4	3.1, 3.3, 7.2.1, 8.3.0, 8.3.2, 9.8.2.0, 9.8.2.1, 9.8.2.2 ETSI TS 102 831 V1.2.1 (2012-08): Sections 10.2.2.2, 10.2.2.3, 10.2.2.6.1, 10.2.2.6.3
<b>NOK11</b>	EP 2235856	<b>EP countries:</b> AT DE FI GB IT SE TR	1, 4	8.3, 8.5, Annex D
<b>RAI01</b>	EP 2248265	<b>EP countries:</b> AT BE BG CH CZ DE DK EE ES FI FR GB HR HU IE IT LU NL PL RO SE SK SI TR IT 1386234; IT 1386253	1	4.1, 6.1, 6.1.2, 6.1.3, 6.2, 6.2.1, 6.2.2
	EP 2254249	<b>EP countries:</b> AT BE BG CH CZ DE DK EE ES FI FR GB HR HU IE IT LU NL PL RO SE SK SI TR	1	4.1, 6.1, 6.1.2, 6.1.3, 6.2, 6.2.1, 6.2.2
	EP 2254250	<b>EP countries:</b> AT BE BG CH CZ DE DK EE ES FI FR GB HR HU IE IT LU NL PL RO SE SK SI TR	1	4.1, 6.1, 6.1.2, 6.1.3, 6.2, 6.2.1, 6.2.2
		<b>Family members:</b> CN 101971503 -- CN 20140219944.8 -- CN 201410221680.X HK 1150688 -- HK 1151140 -- HK 1151141 IN 333036 JP 5325237 KR 10-1566677 -- KR 10-1623468 -- KR 10-1623561 US 8718186 -- US 9246517 -- US 9240809		
<b>SAM01</b>	EP 1515504	<b>EP countries:</b> DE FR GB IT SE	1, 8	9.6.2
		<b>Family members:</b> AU 2004303047 CA 2536234 CN 1849761		



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Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		IN 242608 JP 4303288 KR 100933115 RU 2313910 US 7340006		
SAM02	EP 2091156	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	4	1; 3.3; 4.1; 6.1.2.0; 6.1.2.1; 6.1.2.2; annex B; tables: 6(b); 8(b); B.3; figures: 1; 12
		<b>Family members:</b> AU 2009216008 CN 103152055 ID P0030101 JP 5120862 KR 101192920 MY 153328 RU 2450442 SG 163313 TW I387212 US 8291282 VN 10740		
SAM03	EP 2086193	<b>EP countries:</b> DE ES FI FR GB IT NL NO SE	1	1, 4.1, 5.2, 5.2.0, 5.2.4, 9, 9.8, 9.8.2, 9.8.2.0, 9.8.2.2, 9.8.2.4, 9.8.2.4.1, 9.8.2.4.2
		<b>Family members:</b> AU 2009209788 CN 101933261 ID P000034483 IN 287161 JP 5158900 KR 101469977 MY 169427 PH 1-2010-501605 RU 2475983 SG 162929		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		VN 10745		
SAM04	EP 2093912	<b>EP countries:</b> DE ES FR GB IT NL	7	1, 4.1, 5., 5.2, 5.2.3, 5.2.3.0, 5.2.3.1, 7, 7.1, 7.2, 7.2.3, 7.2.3.0, 7.2.3.1, 8, 8.1, 8.3, 8.3.2
		<b>Family members:</b> IN 298604 US 9602978		
SAM05	EP 2096761	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	3	1; 3.3; 4.1; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.1; 7.3.1.2; 7.3.2.2; 7.3.2.4, 7.3.2.5, tables 8(a) and 8(b)
		<b>Family members:</b> AU 2009217933 CN 102017427 -- CN 103401633 ID P000039403 IN 323159 JP 5440805 -- JP 5644011 KR 101503058 -- KR 101503656 MY 163692 RU 2450443 -- RU 2520406 SG 163815 -- SG 188820 TW I511469 -- TW I511470 US 8271846 VN 13667		
SAM06	EP 2101430	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	1	1, 4.1, 7.1, 7.2.1, 7.2.2, 7.2.3.6, 7.3.1.2, 7.3.3.0, 8.3.0, 8.3.2, 8.3.5, 9.0
		<b>Family members:</b> AU 2009220323 CN ZL200980115022.X ID IDP0032958 IN 302741 JP 5441270 MY MY-155174-A RU 2453992		



Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		SG 164162 TW I376907 US 8352844 VN 13658		
SAM07	EP 2099149	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	1	1, 3.1, 3.2, 4.1, 4.2, 6.1.0, 7.1, 7.2, 7.2.2, 7.3.1.1, and 7.3.1.2, Annex E.1
	EP 2106055	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	1	1, 3.1, 3.2, 4.1, 4.2, 6.1.0, 7.1, 7.2, 7.2.2, 7.3.1.1, 7.3.1.2, Annex E.1.
		<b>Family members:</b> AU 2009220329 -- AU 2013231171 CN ZL200980107570.8 -- CN ZL201310350532.3 ID IDP000040682 -- ID IDP0031717 IN 305072 JP 5263797 KR P1455393 MY MY-164304-A -- MY MY-169389-A RU 2469478 SG 164163 -- SG 188838 TW I382708 US 10595305 -- US 9001776 -- US 9980252 -- US 10299253 VN 12790AU 2013231171		
SAM08	EP 3675446	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR	1	1, 3.1, 4.1, 4.2, 9.0, 9.2.1, 9.3, 9.5, 9.6.2.0, 9.6.2.1, Annex H; figure: 1; tables: H.1, H.2
	EP 3675447	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR	1	1, 3.1, 4.1, 4.2, 9.0, 9.2.1, 9.3, 9.5, 9.6.2.0, 9.6.2.1, Annex H; figure: 1, 2(f); tables: H.1, H.2
SAM09	EP 2114044	<b>EP countries:</b> DE FR GB NL	1	1, 3, 4, 4.1, 8.3.2, 9.2.6, 9.2.6.1, 9.3, 9.6.0, 9.6.2, 9.6.2.0, 9.6.2.1, Annex H
		<b>Family members:</b> CA 2721415 IN 294308		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		KR 101475523 RU 2466509 US 9407488		
SAM10	EP 2384030	<b>EP countries:</b> DE FI FR GB SE	1	1, 4.1, 4.2, 7.1, 7.2.3.0, 7.2.3.2, 8.0, 8.3.2, 9.0
	EP 2375792	<b>EP countries:</b> DE FI FR GB SE	1	1, 4.1, 4.2, 7.1, 7.2.3.0, 7.2.3.2, 8.0, 8.3.2, 9.0
		<b>Family members:</b> IN 254414 JP 4422761 KR 0800887 US RE44774		
SAM11	EP 2442512	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	1	9.2.3.1, 9.3
	EP 2153600	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	1	8.3.2, 9.3, 9.2.3.1, 9.4, 9.6.2.1
	EP 2685692	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	1	9, 9.0, 9.2.3.1, 9.3, 9.4, 9.6.2 and 9.6.2.0
		<b>Family members:</b> KR 1158163 US 8300714		
SAM12	EP 2068449	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	2	1, 6, 6.1, 6.1.0, 6.1.2, 6.1.2.1, 6.1.2.2, 7.3, 7.3.2.2, 7.3.2.3, 7.3.2.4, 7.3.2.6, Annex B
		<b>Family members:</b> AU 2008332040 -- AU 2012200530 CN ZL200880119339.6 ID P000035518 IN 287231 JP 5441282 -- JP 5302972 KR 1502624 -- KR 1503653 -- KR 1503995 MY 163774-A		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		RU 2491727 -- RU 2446585 SG 161004 -- SG 2012090015 US 8166367 VN 12905		
SAM13	EP 2088678	<b>EP countries:</b> DE FR GB NL	6	1, 4, 4.1, 6, 6.1 6.1.0, 6.1.2, 6.1.2.1, 6.1.2.2, 7.3, 7.3.1, 7.3.1.1, 7.3.2.2, 7.3.2.4, 7.3.2.5
	EP 2582054	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	1	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.2.2; 7.3.1.1; 7.3.2.5; tables: 8(b); 39; 42; B.1 figures: 2(d); 12; 31; 33
	EP 2557694	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	1	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.2; 7.3.2.2; 7.3.2.4; 7.3.2.5; 7.3.2.6 tables: 6(b); 8(b); 39; 43; B.2 figures: 2(d); 12; 31; 33
	EP 2579467	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	5	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.2.2; 7.3.1.1; 7.3.2.4; 7.3.2.5; tables: 8(b); 39; 42; B.1 figures: 2(d); 12; 31; 33
		<b>Family members:</b> AU 2009213247 CN ZL200980104873.4 ID IDP000035694 IN 336925 JP 5506099 KR 1502623 -- KR 1503654 MY MY-152791-A RU 2439793 SG 188149 TW 1384766 -- TW 1401892 US 8286065 VN 14512		
SAM14	EP 2096760	<b>EP countries:</b> DE ES FR GB HU IT NL SE	5	6; 6.1; 6.1.0; 6.1.2; 6.1.2.0; 6.1.2.1; 6.1.2.2; 6.2.2; 7.3; 7.3.2.2; 7.3.2.4; 7.3.2.6; 7.3.3.2
	EP 2363962	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	1	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.2; 7.3.2.2; 7.3.2.3; 7.3.2.4; tables: 8(b); 39; 41; B.2; figures: 2(d); 12; 31

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
	EP 2490337	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	5	1; 3.3; 4.1; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.2; 7.3.2.2; 7.3.2.3; 7.3.2.4; 7.3.2.; tables: 8(b); 39; 41; B.2; figures: 2(d); 12; 31.
		<b>Family members:</b> AU 2009217934 -- AU 2013201428 CN ZL201310149574.0 -- CN ZL200980114592.7 ID P000040112 JP 5440804 -- JP 5648224 KR 1503059 -- KR 1503655 MY MY-152769-A -- MY MY-173292-A RU 2454794 -- RU 2490791 SG 102014011925 -- SG 163819 -- SG 188821 TW 1399043 -- TW 1506963 -- TW 1506964 US 8176384 VN 13666		
<b>SON01</b>	EP 1931097	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL PL PT RO SE SK TR	1	4.2; 8.3.2; 8.5; tables: 48; 52; 53(c); figures: 2(e); 46(c)
	EP 2247055	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IE IT NL PL PT RO SE SK TR	1	4.2; 7.2.1; 8.3.2; 8.5; tables: 19(a); 48; 52; 53(c); figures: 2(e); 46(c)
<b>SON02</b>	EP 2056463	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IE IT NL NO PL PT RO SE SK TR	1	4.2; 8.3.2; 8.5; tables: 48; 52; figures: 2(e)
<b>SON03</b>	EP 2056466	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IE IT NL NO PL PT RO SE SK TR	1	4.2; 8.3.2; 8.5; tables: 48; 52; 53(f); figures: 2(e); 46(f)
<b>SON04</b>	EP 2056472	<b>EP countries:</b> AT BE CH CZ DE DK ES FI FR GB GR HU IE IT NL NO PL PT SE SK TR	1	4.2; 8.3.2; 8.5; tables: 48; 52; 53(a); figures: 2(e); 46(a)
<b>SON05</b>	EP 2056510	<b>EP countries:</b> AT BE CZ DE DK ES FI FR GB HU IT NL NO PL RO SE SK TR	1	4.2; 6.1; 6.1.2; 6.1.2.1; 6.2.0; 7.3.3.0; 8.3.2; 8.5; Annex A;
<b>SON06</b>	EP 2333963	<b>EP countries:</b> AT, CH, DE, ES, FI, FR, GB, IT, NL, PL, TR,	1	4.2; 8.3.2; 8.5; tables: 48; 52; 53(d); figures: 2(e); 46(d)

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
<b>TBR01</b>	FR 2927754		13	4.1, 6.1, 6.1.2, 6.1.3, 6.2.2, 6.3
		<b>Family members:</b> CN JP KR		
<b>TDF01</b>	EP 0820172 <i>(expired)</i>	<b>EP countries:</b> DE ES GB IT NL SE	1, 3, 4	3.1, 4.1, 4.2, 9, 9.1, 9.2.1, 9.2.3, 9.2.3.1, 9.2.3.2, 9.2.4.3, 9.2.6.2, 9.2.7.2, 9.2.8, Annex C
<b>TDF02</b>	EP 0742654 <i>(expired)</i>	<b>EP countries:</b> DE ES SE	1	1, 3.2, 3.3, 4.1, 4.2, 9, 9.5

## LIST OF PATENTS COVERING A DECODER<sup>2</sup> FUNCTION

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
BBC02	EP 2165494	<b>EP countries:</b> AT BE CZ DE DK ES FI FR GB HR IE IT NL PL RS SE TR	8	6.2.1, 6.2.2, 6.3, 6.4, 6.5, 8.5, 9, 9.5
		<b>Family members:</b> AU2008259620 CN 200880018960.3 IN 320706 KR 10-1476869 RU (EA) 016617 ZA 2009/08302		
BBC03	EP 2158736	<b>EP countries:</b> AT BE CZ DE DK ES FI FR GB HR IE IT NL PL RS SE TR	7	4, 4.1, 9, 9.1, 9.2.2, 9.2.3, 9.2.4, 9.2.8, 9.4, 9.5
	EP 2477369	<b>EP countries:</b> AT BE CZ DE DK ES FR GB IE IT NL PL SE TR	1, 4	9.1, 9.2.1, 9.2.2, 9.2.3.1, 9.2.8
		<b>Family members:</b> AU 2008252671 -- AU 2013203046 CN ZL200880023714.7 EA 020813 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM) KR 10-1462297 -- KR 10-1529450 RU (EA) 016296 ZA 2009/08261		
DTV01		KR 10-0602027 US 6963622 -- US 7577207-- US 7954036 -- US 8102947		
DTV02		US 7673226 -- US 8028224		
ETR02	KR 10-0930718		9	1, 3.1, 4.1, 4.2, 6, 6.1, 6.1.0, 6.2, 6.2.0, 6.2.2, 7, 7.1, 7.2, 7.2.1, 7.2.3, 7.2.3.0, 7.2.3.1, 8.1, 8.3, 8.3.0, 9.8 and 9.8.1, Figures 1, 2(d), 24, 27, 35 and 37, and Tables 6(a), 6(b), 11, 18, 32 and 33

<sup>2</sup> "Decoder function" means: a functionality for de-framing / demodulating / decoding digital signals that are compliant with the DVB-T2 Standard.

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		<b>Family members:</b> KR 10-1328166 US 9246806		
<b>ETR03</b>	KR 10-1074113		7	1, 4.1, 4.2, 6, 6.2, 6.2.0, 6.2.2, 7, 7.1, 7.2, 7.2.3, 7.2.3.0, 7.2.3.1, 8.3 and 8.3.0, Figures 1, 2(d), 24, 27 and 37, and Tables 11, 32 and 33
		<b>Family members:</b> CN 101715646		
<b>FRA01</b>	DE 102006026895		21, 22	3, 3.1, 4, 4.2, 5, 5.1, 5.1.0, 5, 5.2, 5.2.0, 6, 6.1, 6.1.0, 6.2, 6.2.0, 6.4, 6.5, 6.5.0, 6.5.2, 6.5.3, 7, 7.2, 7.2.0, 7.2.3, 7.2.3.0, 7.2.3.1, 9, 9.0
<b>LGE01</b>	EP 2071792	<b>EP countries:</b> DE ES FR GB HU IT PL SK	4	4.1, 4.2, 7.1, 7.2.1, 8.3.1, 9.8.1, 9.8.2, 9.8.2.4.2, C.1.1, D.3
	EP 2157754	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	2	1, 3.1, 4.1, 4.2, 6.2.0, 8.0, 8.1, 9.0 9.5, 9.8.1, 9.8.2.4.2
	EP 2239905	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	1, 4.1, 4.2, 6.1.0, 6.2.0, 7.2.1, 8.0, 8.1, 8.3.0, 8.3.2, 9.0, 9.8.1, 9.8.2.0, 9.8.2.4.2
		<b>Family members:</b> CN ZL200880120284.0 IN 271503 RU 2475984 US 8385460 -- US 8565339 -- US 8929481		
<b>LGE02</b>	EP 2086155	<b>EP countries:</b> DE DK ES FR GB HR HU IT LV NL PL SE SI SK	5	4.1, 4.2, 5.1.0, 6.1.0, 6.1.2.0, 7.1, 7.2.1, 7.2.3.0, 7.2.3.1, 7.3.1.2, 8.0, 8.1, 8.3.0, 8.3.2, 8.3.5, 8.3.6.0, 8.3.6.3.1, 9.8.1
	EP 2154810	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT PL SE SK	5	3.1, 4.1, 4.2, 5.1.0, 6.1.0, 6.1.2.0, 7.1, 7.2.1, 7.2.3.0, 7.3.1.2, 8.0, 8.1, 8.3.0, 8.3.2, 8.3.5, 8.3.6.0, 8.3.6.3.1, 9.0, 9.5
	EP 2238750	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	5	3.1, 4.1, 4.2, 5.1.0, 6.1.0, 6.1.2.0, 7.1, 7.2.1, 7.2.3.0, 7.3.1.2, 7.3.2.7, 8.0, 8.1, 8.3.0, 8.3.2, 8.3.5, 8.3.6.0, 8.3.6.3.1, 9.0, 9.5, 9.8.1, 9.8.2.0, 9.8.2.4.2 and D.1
		<b>Family members:</b> CN ZL200880126172.6 KR 10-1580164 -- KR 10-1596849 -- KR 10-1634196 RU 2440690		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
<b>LGE03</b>	EP 2086144	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	4	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.0, 7.2.3.1, 7.3.1.1, 7.3.1.2, 7.3.2.7, 8.1, 8.3.2, 8.3.3, 8.3.4, C.1.1, D.1, D.2, D.2.1, D.2.2
	EP 2226957	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	4	3.1, 4.1, 4.2, 6.1.3, 7, 7.2.1, 7.3.2.3, 7.3.2.4, 8.3.1, 8.3.2, 8.3.4, D, D.1, D.2.2
	EP 2388942	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	5	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.1, 7.3.1.1, 7.3.1.2, 7.3.2.7, 8.3.1, 8.3.2, 8.3.4, 9.8.2, 9.8.2.0, 9.8.2.4.2, D, D.1, D.2.2
		<b>Family members:</b> CN 2016-10034311 KR 10-1580165 -- KR 10-1629337 -- KR 10-1759948 RU 2506705 US 8370729 -- US 8694875		
<b>LGE04</b>	EP 3236627	<b>EP countries:</b> DE FR GB NL PL SK	3	3, 4.1, 4.2, 6.2.2, 6.4, 7.0, 7.1, 7.2.1, 7.2.2, 7.3.3.0, 7.3.3.1, 8.3.0, 8.3.1
		<b>Family members:</b> CN ZL2008800243932 IN 288457 KR 10-1100224		
<b>LGE05</b>	EP 2195986	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.2, 7.3.1.1, 7.3.1.2, 3.2.7, 9., 9.0, 9.5, 9.8.1
	EP 2518963	<b>EP countries:</b> AT CH CZ DE DK ES FR GB IT NL PL SE SK TR	1	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.1, 7.2.3.2, 7.3.1.1, 7.3.1.2, 3.2.7, 9, 9.0, 9.5, 9.8.1, 9.8.2, 9.8.2.0, 9.8.2.4.2
	EP 2518964	<b>EP countries:</b> AT CH CZ DE DK ES FR GB IT NL PL SE SK TR	1	3.1, 4.1, 4.2, 7, 7.1, 7.2.1, 7.2.3.2, 7.3.1.1, 7.3.1.2, 7.3.2.7, 9., 9.0, 9.5, 9.8.2, 9.8.2.0, 9.8.2.4.2
		<b>Family members:</b> CN ZL200880107560X IN 271615 KR 10-1084153 RU 2444144		
<b>LGE06</b>	EP 2043291	<b>EP countries:</b> DE DK ES FR GB HR IT LV NL PL SE SI TR	5	3.3; 4.2; 6.1.0; 6.1.3; 6.2.1; 6.2.2; 7.1; 7.2.1; 7.2.3.0; 7.2.3.1; 8.0; 9.0; 9.5
	EP 2139142	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	4	3.1; 3.3; 4.2; 6.1.0; 6.1.3; 6.2.1; 6.2.2; 7.1; 7.2.1; 7.2.3.0; 7.2.3.1; 8.0; 9.0; 9.5



Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
	EP 2242199	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	1	3.1; 3.3; 4.2; 6.1.0; 6.1.3; 6.2.1; 6.2.2; 7.1; 7.2.1; 7.2.3.0; 7.2.3.1; 8.0; 9.0; 9.5
		<b>Family members:</b> CN ZL2008801178837 IN 1153KOLNP2010 KR 10-1084154 RU 2437237 US 9008234		
LGE07	EP 2237467	<b>EP countries:</b> DE ES FR GB IT NL HU PL SI SK	6	1, 3, 3.1, 5, 4.1, 4.2, 6.5 7, 7.1, 7.2.1, 8, 8.0, 8.1, 8.3.3, 8.3.4, 8.3.6, 8.5, D.2.1, D.2.2 ; EN 300.468: 6.4.5.3
	EP 2157724	<b>EP countries:</b> DE ES FR GB HU IT NL PL SI SK	2	1, 2.2, 3.1, 3.3, 4.2, 7.2.1, 7.2.3, 8.3.4, D.1, D.2.1, D.2.2; ETSI EN 300 468 v1.16.1 clauses 5.2.1, 6.2, 6.3, 6.4.6.3
	EP 2234317	<b>EP countries:</b> DE ES FR GB HU IT NL PL SI SK	4	1, 2.2, 3.1, 3.3, 4.1, 4.2, 7.2.1, 7.2.3.0, 8.3.4, D.1, D.2.1, D.2.2, D.2.3; ETSI EN 300 468 v1.16.1 clauses 1, 5.2.1, 6.2.0, 6.3, 6.4.6.3
		<b>Family members:</b> IN 279075 KR 10-1084155		
LGE08	EP 2079183	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	4	3.1, 3.3, 4.1, 4.2, 7.1, 7.2.1, 7.2.3.1, 9.2.2.2 Annex D.1, D.2.1, D.2.2; ETSI EN 300 468 v1.16.1 clauses 6.4.5.3
	EP 2224635	<b>EP countries:</b> AT CZ DE DK ES FR GB HU IT NL PL SE SI SK	2	1, 2.2, 3.1, 3.3, 4.1, 4.2, 7.2.1, 7.2.3.0, 7.2.3.1, 8.3.4, 9.2.2.2, D.1, D.2.1, D.2.2; ETSI EN 300 468 v1.16.1 clauses : 6.3, 6.4.6.3.
		<b>Family members:</b> CN ZL200880123441 IN 271481 KR 10-1490262 -- KR 10-1556152 -- KR 10-1590969 RU 2480914		
NOK01	EP 1283607	<b>EP countries:</b> DE ES FR GB IT	1	1, 3.1, 3.3, 8.2, 8.3, 8.3.4, 9.8.1, 9.8.2.2

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
<b>NOK04</b>	EP 2132912	<b>EP countries:</b> AT BE BG CY CZ DE DK EE FI FR GB GR HU IE IT LT LU LV MT NL PT RO SE SI SK	11	1, 3.1, 7.1, 7.2.3.1, 8.3.4, 9.8.1, 9.8.2.0; figures: 24, 27, 39, 52, tables: 33 ETSI TS 102 831 v1.2.1 (2012-08), clauses: 10.2.2.1, 10.2.2.6.1, 10.2.2.6.3
<b>NOK05</b>	EP 2135388	<b>EP countries:</b> AT BE DE DK ES FI FR GB IT NL PL SE TR	15	4.2; 6.5; 8.1; 7.1; 7.2; 8.3
<b>NOK06</b>	EP 2198547	<b>EP countries:</b> DE GB	8, 14	3.1; 3.3; 4.1; 4.2; 7.1; 7.2.3.2; 7.2.3.3; 7.3.1.2; 8.3.3.
<b>NOK07</b>	EP 2816770	<b>EP countries:</b> DE DK ES FR GB PL TR	3	3.1, 3.3, 7.2.1, 8.3.0, 8.3.2, 9.8.2.0, 9.8.2.1, 9.8.2.2 ETSI TS 102 831 V1.2.1 (2012-08): Sections 10.2.2.2, 10.2.2.3, 10.2.2.6.1, 10.2.2.6.3
<b>NOK08</b>	EP 2210359	<b>EP countries:</b> DE GB IT	6	7.1; 7.2.2; 7.3.1.1; 8.3.0; 8.3.2.
<b>NOK09</b>	EP 2238798	<b>EP countries:</b> AT BE DE DK ES FI FR GB IT NL PL SE TR	7	3.1; 4.2; 6.5.0; 7.1; 7.2.1; 7.2.3.1; 7.3.1.2
<b>NOK10</b>	EP 2235857	<b>EP countries:</b> BE DE ES FR GB IT PL SE	9	1, 5.1.3, 7.2.0, 7.2.1, 7.2.2, 7.2.3.1, 8, 8.0, 8.1, 8.2, and 8.4.
<b>NOK11</b>	EP 2235856	<b>EP countries:</b> AT DE FI GB IT SE TR	7, 9	8.3, 8.5, Annex D
<b>RAI01</b>	EP 2248265	<b>EP countries:</b> AT BE BG HR DK EE FI FR DE GB IE IT LU NL PL CZ RO SK SI ES SE CH TR HU IT 1386234; IT 1386253	5	4.1, 6.1, 6.1.2, 6.1.3, 6.2, 6.2.1, 6.2.2
	EP 2254249	<b>EP countries:</b> AT BE BG HR DK EE FI FR DE GB IE IT LU NL PL CZ RO SK SI ES SE CH TR HU	6	4.1, 6.1, 6.1.2, 6.1.3, 6.2, 6.2.1, 6.2.2
	EP 2254250	<b>EP countries:</b> AT BE BG HR DK EE FI FR DE GB IE IT LU NL PL CZ RO SK SI ES SE CH TR HU	6	4.1, 6.1, 6.1.2, 6.1.3, 6.2, 6.2.1, 6.2.2
		<b>Family members:</b>		



SISVEL



Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		CN 101971503 -- CN 20140219944.8 -- CN 201410221680.X HK 1150688 -- HK 1151140 -- HK 1151141 IN 333036 JP 5325237 KR 10-1566677 -- KR 10-1623468 -- KR 10-1623561 US 8718186 -- US 9246517 -- US 9240809		
SAM02	EP 2093887	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	4	1; 3.3; 4.1; 6.1.2.0; 6.1.2.1; 6.1.2.2; annex B; tables: 6(b); 8(b); B.3; figures: 1; 12
		<b>Family members:</b> AU 2009216008 CN 103138768 ID P0030101 JP 5506879 KR 101192920 MY 153328 RU 2450442 SG 163313 TW I387212 US 8291282 VN 10740		
SAM03	EP 2086193	<b>EP countries:</b> DE ES FI FR GB IT NL NO SE	6	1, 4.1, 5.2, 5.2.0, 5.2.4, 9, 9.8, 9.8.2, 9.8.2.0, 9.8.2.2, 9.8.2.4, 9.8.2.4.1 and 9.8.2.4.2
		<b>Family members:</b> AU 2009209788 CN 101933261 ID P000034483 IN 287161 JP 5158900 KR 101469977 MY 169427 PH 1-2010-501605 RU 2475983		



SISVEL



Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		SG 162929 VN 10745		
SAM04	EP 2096777	<b>EP countries:</b> DE ES FR GB IT NL	1	1, 4.1, 5., 5.2, 5.2.3, 5.2.3.0, 5.2.3.1, 7, 7.1, 7.2, 7.2.3, 7.2.3.0, 7.2.3.1, 8, 8.1, 8.3 and 8.3.2
		<b>Family members:</b> AU 2009216037 CN 101953133 ID P0031942 IN 298604 JP 5175942 KR 101162805 RU 2450474 SG 163417 US 9602979 VN 14312		
SAM05	EP 2096762	<b>EP countries:</b> DE FI FR GB IT NL NO SE	2	1; 3.3; 4.1; 6.1; 6.1.2.0; 6.1.2.2; 7.3.2.2; 7.3.2.4; 7.3.2.5, 7.3.3.0, tables 6(b) and 8(b)
	EP 2584708	<b>EP countries:</b> DE ES FI FR GB IT NL SE	4	1; 3.3; 4.1; 6.1; 6.1.2.0; 6.1.2.2; 7.3.2.2; 7.3.2.4; 7.3.2.5 and 7.3.3.0, tables 6(b) and 8(b) and 43
		<b>Family members:</b> AU 2013203761 CN 103368584 -- CN 103401563 ID P000039403 IN 323159 JP 5644010 -- JP 5644012 KR 101503656 -- KR 101554064 MY 163692 RU 2450443 -- RU 2520405 SG 10201401195Q -- SG 163815 TW I511469 -- TW I511470 US 8271846 VN 13667		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
SAM06	EP 2101431	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	1	1, 4.1, 7.1, 7.2.1, 7.2.2, 7.2.3.6, 7.3.1.2, 9.0
	EP 2469746	<b>EP countries:</b> DE DK ES FR GB IT	1	1, 4.1, 7.1, 7.2.1, 7.2.2, 7.2.3.6, 7.3.1.2, 9.0
		<b>Family members:</b> AU 2009220323 CN ZL201310227235.X ID IDP0032958 IN 302741 JP 5670537 MY MY-155174-A RU 2453992 SG 164162 TW I376907 US 8352844 VN 13658		
SAM07	EP 2101429	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SI SK TR	1	1, 3.1, 3.2, 4.1, 4.2, 6.1.0, 7.1, 7.2, 7.2.2, 7.3.1.1, 7.3.1.2, Annex E.1
		<b>Family members:</b> AU 2013231175 CN ZL201310350121.4 ID IDP000035936 JP 5263797 KR P1490608 MY MY-169390-A RU 2469478 SG 10201401474Q TW I382708 US 10299253 -- US 9008037 -- US 9980252 VN 12790		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
SAM08	EP 3457653	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR	1	1, 3.1, 3.3, 4.1; 9.3, 9.6.2.0, 9.6.2.1, annex H; tables: H.1, H.2
	EP 3675446	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR	4	1, 3.1, 4.1, 4.2, 9.0, 9.2.1, 9.3, 9.5, 9.6.2.0, 9.6.2.1, Annex H; figure: 1; tables: H.1, H.2
	EP 3675447	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR	4	1, 3.1, 4.1, 4.2, 9.0, 9.2.1, 9.3, 9.5, 9.6.2.0, 9.6.2.1, Annex H; figure: 1, 2(f); tables: H.1, H.2
		<b>Family members:</b> CN ZL200880001361.0 KR P1314254 US 9584352		
SAM10	EP 2506607	<b>EP countries:</b> DE FI FR GB SE	1	1, 4.1, 4.2, 7.1, 7.2.3.0, 7.2.3.2, 8.0, 8.3.2, 9.0
		<b>Family members:</b> IN 254414 JP 4422761 KR 0800887 US RE44774		
SAM11	EP 2442512	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	2	9.2.3.1, 9.3
	EP 2153600	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	7	8.3.2, 9.3, 9.2.3.1, 9.4, 9.6.2.1
		<b>Family members:</b> KR 1158163 US 8300714		
SAM12	EP 2239854	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	2	6, 6.1, 6.1.0, 6.1.2, 6.1.2.1, 6.1.2.2, 7.3, 7.3.2.2, 7.3.2.3, 7.3.2.4, 7.3.2.6, Annex B
	EP 2381583	<b>EP countries:</b> CZ DE ES FI FR GB HU IT NL PL SE SK	2	1, 6, 6.1, 6.1.0, 6.1.2, 6.1.2.1, 6.1.2.2, 7.3, 7.3.2.2, 7.3.2.3, 7.3.2.4, 7.3.2.6, Annex A
		<b>Family members:</b> AU 2008332040 -- AU 2012200530		



SISVEL



Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		CN ZL200880119339.6 ID P000053724 IN 287231 JP 5441282 KR 1502624 -- KR 1503653 -- KR 1503995 MY 163774-A RU2491727 SG 161004 -- SG 2012090015 US 8166367 VN 12905		
SAM13	EP 2093886	<b>EP countries:</b> DE FR GB NL	2	1, 4, 4.1, 6, 6.1 6.1.0, 6.1.2, 6.1.2.1, 6.1.2.2, 7.3, 7.3.1, 7.3.1.1, 7.3.2.2, 7.3.2.4, 7.3.2.5
	EP 2582054	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	5	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.2.2; 7.3.1.1; 7.3.2.5; tables: 8(b); 39; 42; B.1 figures: 2(d); 12; 31; 33
	EP 2557694	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	5	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.2; 7.3.2.2; 7.3.2.4; 7.3.2.5; 7.3.2.6 tables: 6(b); 8(b); 39; 43; B.2 figures: 2(d); 12; 31; 33
	EP 2579467	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	3	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.2.2; 7.3.1.1; 7.3.2.4; 7.3.2.5; tables: 8(b); 39; 42; B.1 figures: 2(d); 12; 31; 33
		<b>Family members:</b> AU 2013203514 CN ZL201310168423.X IN 336925 JP 5583833 KR 1503654 -- KR 1502677 MY MY-171996-A RU 2439793 SG 10201400710U TW 1384766 -- TW 1401892 US 8286065 VN 14512		

Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
SAM14	EP 2099136	<b>EP countries:</b> DE ES FR GB IT NL SE	3	6; 6.1; 6.1.0; 6.1.2; 6.1.2.0; 6.1.2.1; 6.2.2; 7.3; 7.3.2.2; 7.3.2.4; 7.3.2.6; 7.3.3.2
	EP 2363962	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	5	1; 3.3; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.2; 7.3.2.2; 7.3.2.3; 7.3.2.4; tables: 8(b); 39; 41; B.2; figures: 2(d); 12; 31
	EP 2490337	<b>EP countries:</b> AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR	3	1; 3.3; 4.1; 4.2; 6.1.0; 6.1.2.0; 6.1.2.1; 6.1.2.2; 7.3.1.2; 7.3.2.2; 7.3.2.3; 7.3.2.4; 7.3.2.; tables: 8(b); 39; 41; B.2; figures: 2(d); 12; 31.
		<b>Family members:</b> AU 2009217934 -- AU 2013201428 CN ZL201310149429.2 -- CN ZL201310149574.0 ID IDP000040112 JP 5440804 -- JP 5648223 -- JP 5648224 KR 1503133 -- KR 1503655 MY MY-152769-A -- MY MY-173292-A RU 2454794 -- RU 2543553 SG 102014011925 -- SG 163819 -- SG 188821 TW 1399043 -- TW 1506963 US 8176384 VN 13666		
SON01 <sup>3</sup>	EP 1931097	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL PL PT RO SE SK TR	5	4.2; 8.3.2; 8.5; tables: 48; 52; 53(c); figures: 2(e); 46(c)
	EP 2247055	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IE IT NL PL PT RO SE SK TR	4	4.2; 7.2.1; 8.3.2; 8.5; tables: 19(a); 48; 52; 53(c); figures: 2(e); 46(c)
SON02 <sup>3</sup>	EP 2056468	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IE IT NL NO PL PT RO SE SK TR	1	4.2; 8.3.2; 8.5; tables: 48; 52; figures: 2(e)
SON03 <sup>3</sup>	EP 2056467	<b>EP countries:</b>	1	4.2; 8.3.2; 8.5; tables: 48; 52; 53(f); figures: 2(e); 46(f)

<sup>3</sup> Sisvel's rights to grant sublicenses under the Sony's patents for DVB-T2 Consumer Products exclude Standalone Displays. For any additional information on the definition of Standalone Displays, please refer to the "License Terms" on Sisvel's website.



Family code	Reference patent	Family details	Exemplary Claim(s)	Sections of ETSI 302 755
		AT BE BG CH CZ DE DK ES FI FR GB GR HU IE IT NL NO PL PT RO SE SK TR		
<b>SON04<sup>3</sup></b>	EP 2056471	<b>EP countries:</b> AT BE CH CZ DE DK ES FI FR GB GR HU IE IT NL NO PL PT SE SK TR	1	4.2 ; 8.3.2; 8.5; tables: 48; 52; 53(a); figures: 2(e); 46(a)
<b>SON05<sup>3</sup></b>	EP 2056550	<b>EP countries:</b> AT BE CZ DE DK ES FI FR GB HU IT NL NO PL RO SE SK TR	1	4.2; 6.1; 6.1.2; 6.1.2.1; 6.2.0; 7.3.3.0; 8.3.2; 8.5; Annex A; tables: 8(a); 11; 48; 52; A.1 to A.6; figures: 2(d); 2(e); 2(f); 12
<b>SON06<sup>3</sup></b>	EP 2333967	<b>EP countries:</b> AT BE BG CH CZ DE DK ES FI FR GB GR HU IT NL NO PL PT RO SE SK TR	1	4.2; 8.3.2; 8.5; tables: 48; 52; 53(d); figures: 2(e); 46(d)
<b>TDF01</b>	EP 0820172 ( <i>expired</i> )	<b>EP countries:</b> DE ES GB IT NL SE	5	3.1, 4.1, 4.2, 9, 9.1, 9.2.1, 9.2.3, 9.2.3.1, 9.2.3.2, 9.2.4.3, 9.2.6.2, 9.2.7.2, 9.2.8, Annex C